Technical specifications

Maximum sample rate	5MHz for repetitive signals (0.5MHz for single shot events)
Input amplifier bandwidth	1MHz (-3dB at 1V/div setting)
Input impedance	1Mohm // 20pF (standard oscilloscope probe)
Maximum input voltage	100Vpeak (AC + DC)
Input coupling	DC, AC and GND (GND for auto zero reference)
Vertical resolution	8 bit (6 bit on LCD)
Linearity	± 1bit
LCD Graphics	64 x 128 pixels, 64 x 96 pixels for signal
dBm measurement (0 dB= 0.775V)	From -73dB tot +40dB (up to 60dB with X10 probe) ±0.5dB accuracy
True-rms AC measurement	From 0.1mV to 80V (up to 400Vrms with X10 probe) 2.5% accuracy
Peak peak and DC range	0.1mV to 180V (1mV to 600V met x10 probe) 2% accuracy
Timebase range	20s, 10s, 5s, 2s, 1s, 0.5s, 0.2s, 0.1s, 50ms, 20ms, 10ms, 5ms, 2ms, 1ms, 0.5ms, 0.2ms, 0.1ms, 50us, 20us, 10us, 4us, 2us / div.
Input sensitivity range (at x1)	5mV, 10mV, 20mV, 50mV, 0.1V, 0.2V, 0.4V, 1V, 2V, 4V, 8V, 20V /div.
Probe calibration output	Approx. 1KHz / 5Vtt
Supply voltage	9VDC/ min 300mA adapter (unregulated) 12VDC if regulated
Batteries (option)	Alkaline type AA or Ni Cd / NiMH rechargeable (5 pcs required)
Charge current for rechargeable batteries	90mA
Battery life	Up to 20h with Alkaline batteries
Operating temperature	0 to 50°C (32 to 122°F)
Dimensions	105x220x35mm (4.13x7.95x1.38")
Weight	395g (14oz.) ex. Batteries